

Claims

1. A method of setting up user applications in a plurality of electric devices, the method including:

communicating at least a portion of a second set of information from a second electric device to a first electric device over a wireless proximity interface, the second set of information being associated with a second user application of the second electric device;

evaluating a correspondence indicator value on the basis of at least a portion of a first set of information and the at least a portion of the second set of information, the first set of information being associated with a first user application of the first electric device, the first user application and the second user application using shared application data communicated between the first electric device and the second electric device by using a wireless interface, the correspondence indicator value characterizing the readiness of the first electric device and the second electric device to execute at least one command associated with the first user application and the second user application; and

deciding, on the basis of the correspondence indicator value, whether to execute the at least one command.

2. The method of claim 1, further including: requesting a wireless proximity connection from a plurality of electric devices;

establishing the wireless proximity connection between the first electric device and the second electric device on the basis of a positive acknowledgement of a wireless proximity connection request; and

triggering communication of the second set of information from the second electric device to the first electric device on the basis of the positive acknowledgement.

3. The method of claim 1, further including: comparing the correspondence indicator value with a correspondence indicator threshold value; and

generating instructions to execute the at least one command associated with the first user application and the second user application if the correspondence indicator value exceeds the correspondence indicator threshold value.

4. The method of claim 1, further including: transmitting instructions to execute the at least one command associated with the first user application and the second user application from the first electric device to the second

electric device over the wireless interface, the instructions being based on a comparison between the correspondence indicator value and a correspondence indicator threshold value;

receiving the instructions in the second electric device; and

executing at least one command associated with the second user application on the basis of the instructions.

5. An electric device including:

an application unit for executing commands associated with a first user application of the electric device, the first user application using shared application data communicated between the electric device and another electric device by using a wireless interface, the application data being shared with a second user application of the other electric device;

a proximity communication unit for providing a proximity interface between the electric device and the other electric device;

an application information register connected to the application unit, for storing a first set of information, the first set of information being associated with the first user application;

wherein the proximity communication unit is configured to receive at least a portion of a second set of information from the other electric device over the wireless proximity interface, the second set of information being associated with the second user application;

a correspondence evaluating unit connected to the proximity communication unit and the application information register, for evaluating a correspondence indicator value on the basis of at least a portion of the first set of information and the at least a portion of the second set of information, the correspondence indicator value characterizing the readiness of the electric device and the other electric device to execute at least one command associated with the first user application and the second user application; and

a decision unit connected to the correspondence evaluating unit, for deciding, on the basis of the correspondence indicator value, whether to execute the at least one command.

6. The electric device of claim 5, wherein the proximity communication unit is configured to request a wireless proximity connection from a plurality of electric devices;

wherein the proximity communication unit is configured to establish the wireless proximity connection between the electric device and the other

electric device on the basis of a positive acknowledgement of a wireless proximity connection request; and

wherein the proximity communication unit is configured to trigger communication of the at least a portion of the second set of information from the other electric device to the electric device on the basis of the positive acknowledgement.

7. The electric device of claim 5, wherein the decision unit is configured to compare the correspondence indicator value with a correspondence indicator threshold value; and

wherein the decision unit is configured to generate instructions to execute the at least one command associated with the first user application and the second user application if the correspondence indicator value exceeds the correspondence indicator threshold value.

8. The electric device of claim 5, wherein the proximity communication unit is connected to the decision unit and configured to transmit instructions to execute the at least one command associated the first user application and the second user application from the electric device to the other electric device over the proximity interface, the instructions being based on a comparison between the correspondence indicator value and a correspondence indicator threshold value.

9. The electric device of claim 5, wherein the application unit is connected to the decision unit; and

wherein the application unit in configured to execute the at least one command associated with the first user application and the second user application on the basis of instructions received from the decision unit.

10. The electric device of claim 5, wherein the proximity communication unit is connected to the application unit; and

wherein the proximity interface unit is configured to communicate at least a portion of the application data with the other electric device.

11. An electric device including:

an application unit for executing commands associated with a second user application of the electric device, the second user application using shared application data communicated between the electric device and another electric device by using a wireless interface, the application data being shared with a first user application of the other electric device;

a proximity communication unit for providing a proximity interface between the electric device and the other electric device;

an application information register connected to the application unit, for storing at least a portion of a second set of information, the second set of information being associated with the second user application, the at least a portion of the second set of information being used to evaluate a correspondence indicator value characterizing the readiness of the electric device and the electric device to execute at least one command associated with the first user application and the second user application;

wherein the proximity communication unit is connected to the application information register and configured to transmit the at least a portion of the second set of information to the other electric device over the wireless proximity interface;

wherein the proximity communication unit is connected to the application unit and configured to receive instructions to execute at least one command from the other electric device over the proximity interface, the at least one command being associated with the second user application; and

wherein the application unit is configured to execute the at least one command on the basis of the instructions.

12. The electric device of claim 11, wherein the proximity communication unit is configured to receive a wireless proximity connection request;

wherein the proximity communication unit is configured to establish the wireless proximity connection between the electric device and the other electric device based on a positive acknowledgement of a wireless proximity connection request; and

wherein the proximity communication unit is configured to trigger a communication of the at least a portion of the second set of information from the electric device to the other electric device on the basis of the positive acknowledgement.

13. The electric device of claim 11, wherein the proximity communication unit is connected to the application unit; and

wherein the proximity interface unit is configured to communicate at least a portion of the application data with the other electric device.

14. A computer program embodied on a computer readable medium, for executing a computer process in an electric device, the computer process including steps, the steps including:

using, as input, at least a portion of a second set of information communicated from a second electric device to a first electric device over a wireless proximity interface, the second set of information being associated with a second user application of the second electric device;

evaluating a correspondence indicator value on the basis of at least a portion of a first set of information and the at least a portion of the second set of information, the first set of information being associated with a first user application of the first electric device, the first user application and the second user application using shared application data communicated between the first electric device and the second electric device by using a wireless interface, the correspondence indicator value characterizing the readiness of the first electric device and the second electric device to execute at least one command associated with the first user application and the second user application; and

deciding, on the basis of the correspondence indicator value, whether to execute the at least one command.

15. The computer program of claim 14, wherein the computer process further includes:

requesting a wireless proximity connection from a plurality of electric devices;

establishing the wireless proximity connection between the first electric device and the second electric device on the basis of a positive acknowledgement of a wireless proximity connection request; and

triggering communication of the second set of information from the second electric device to the first electric device on the basis of the positive acknowledgement.

16. The computer program of claim 14, wherein the computer process further includes:

comparing the correspondence indicator value with a correspondence indicator threshold value; and

generating instructions to execute the at least one command associated with the first user application and the second user application if the correspondence indicator value exceeds the correspondence indicator threshold value.

17. The computer program of claim 14, wherein the computer process further includes:

outputting instructions to execute the at least one command associated with the first user application and the second user application from the first electric device to the second electric device over the wireless interface, the instructions being based on a comparison between the correspondence indicator value and a correspondence indicator threshold value.

18. The computer program of claim 14, wherein the computer process further includes:

inputting instructions to execute the at least one command associated with the first user application and the second user application, the instructions being based on a comparison between the correspondence indicator value and a correspondence indicator threshold value; and

executing the at least one command associated with the first user application and the second user application on the basis of instructions.

19. A computer program embodied on a computer readable medium, for executing a computer process in an electric device, the computer process including steps, the steps including:

inputting instructions to execute at least one command from the other electric device over the proximity interface, the at least one command being associated with the second user application, the second user application using application data shared between the electric device and another electric device, at least a portion of the application data being communicated between the first electric device and the second electric device by using a wireless interface; and

executing the at least one command on the basis of the instructions.

20. The computer program of claim 19, wherein the computer process further includes:

inputting a wireless proximity request;

establishing the wireless proximity connection between the electric device and the other electric device based on a positive acknowledgement of a wireless proximity connection request; and

triggering a communication of the at least a portion of the second set of information from the electric device to the other electric device on the basis of the positive acknowledgement.

21. A system including a first electric device and a second electric device, the system further including:

communicating means for communicating at least a portion of a second set of information from the second electric device to the first electric device over a wireless proximity interface, the second set of information being associated with a second user application of the second electric device;

evaluating means for evaluating a correspondence indicator value on the basis of at least a portion of a first set of information and the at least a portion of the second set of information, the first set of information being associated with a first user application of the first electric device, the first user application and the second user application using shared application data communicated between the first electric device and the second electric device by using a wireless interface, the correspondence indicator value characterizing the readiness of the first electric device and the second electric device to execute at least one command associated with the first user application and the second user application; and

deciding means for deciding, on the basis of the correspondence indicator value, whether to execute the at least one command.

22. The system of claim 21, further including: requesting means for requesting a wireless proximity connection from a plurality of electric devices;

establishing means for establishing the wireless proximity connection between the first electric device and the second electric device on the basis of a positive acknowledgement of a wireless proximity connection request; and

triggering means for triggering communication of the second set of information from the second electric device to the first electric device on the basis of the positive acknowledgement.

23. The system of claim 21, further including: comparing means for comparing the correspondence indicator value with a correspondence indicator threshold value; and

generating means for generating instructions to execute the at least one command associated with the first user application and the second user application if the correspondence indicator value exceeds the correspondence indicator threshold value.

24. The system of claim 21, further including: transmitting means for transmitting instructions to execute the at least one command associated with the first user application and the second user application from the first electric device to the second electric device over the wireless interface, the instructions

being based on a comparison between the correspondence indicator value and a correspondence indicator threshold value;

receiving means for receiving the instructions in the second electric device; and

executing means for executing at least one command associated with the second user application on the basis of the instructions.